

Title (en)

Linear roller bearing

Title (de)

Linearwälzlager

Title (fr)

Palier à roulement linéaire

Publication

EP 2416024 A3 20120815 (DE)

Application

EP 11006210 A 20110728

Priority

DE 102010033219 A 20100803

Abstract (en)

[origin: EP2416024A2] The linear roller bearing (10) has multiple individual segments (20), where each segment has a support plate (15) clustered around a central axis (14) of the bearing. Holding elements (40) are arranged at front ends of a cage element (22) outside a circulation area of rolling bodies (13). The segments hold or connect each other to a self-holding bearing bush in a circumferential direction.

IPC 8 full level

F16C 29/06 (2006.01)

CPC (source: EP)

F16C 29/0609 (2013.01); **F16C 29/0671** (2013.01); **F16C 29/069** (2013.01); **F16C 29/084** (2013.01)

Citation (search report)

- [X] DE 4210039 A1 19930930 - SCHAEFFLER WAEZLAGER KG [DE]
- [XI] WO 0060247 A1 20001012 - THOMPSON IND INC [US]
- [A] EP 1199485 A1 20020424 - SCHAEFFLER WAEZLAGER OHG [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2416024 A2 20120208; EP 2416024 A3 20120815; EP 2416024 B1 20170906; DE 102010033219 A1 20120209

DOCDB simple family (application)

EP 11006210 A 20110728; DE 102010033219 A 20100803